

Solid Waste Stabilization and Disposition (RL-0013)/Soil and Water Remediation, Groundwater and Vadose Zone (RL-0030)/Operate Waste Disposal Facility (RL-0080)

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Nine Transuranic waste shipments (one per truck) to the Waste Isolation Pilot Plant were completed in April, the highest monthly total to date.



**In-Trench Grouting of Waste
Category 3 Containers**

Overview

This section addresses Project Baseline Summary (PBS) RL-0013, *Solid Waste Stabilization and Disposition*; RL-0030, *Soil and Waste Remediation Groundwater/Vadose Zone*; and RL-0080, *Operate Waste Disposal Facility*.

NOTE: Unless otherwise noted, all information contained herein is as of the end of April 2004.

Notable Accomplishments

Transuranic (TRU) Waste Program: Nine shipments to the Waste Isolation Pilot Plant (WIPP) totaling 48 cubic meters (m³) were completed in April. A total of 419 m³ have been shipped since FY 2003 versus 195 m³ planned.

TRU Waste Retrieval: A total of 121 m³ of suspect TRU waste was retrieved in April. For FY 2004, a total of 351 m³ has been retrieved versus 193 m³ planned.

Mixed Low Level Waste (MLLW) Treatment: FH dispositioned 257 m³ of MLLW in April. Since FY 2003, a total of 3,064 m³ has been dispositioned versus 2,140 m³ planned. Of this volume, 1,900 m³ is from disposal of 183 H Basin waste at the Environmental Restoration Disposal Facility. The M-91-03 Transuranic Mixed Waste and MLLW Project Management Plan was approved by the State of Washington Department of Ecology.

Liquid Waste Processing: The 200 Area Effluent Treatment Facility processed and disposed of 3.1 million gallons. The 300 Area Treated Effluent Disposal Facility processed and disposed of 2.5 million gallons of industrial waste water.

Groundwater Well Decommissioning: FH finished casing perforation of 81 wells and pressure grouting of 80 wells being decommissioned. FH completed surface cleanup to complete decommissioning of 76 wells. Drilling has begun for the next 11 Comprehensive Environmental Response Liability Act/Resource Conservation Recovery Act wells.

FY 2004 FH Funds versus Forecast (\$000)

	FY 2004 Anticipated Funding w/Carryover	FY 2004 Fiscal Year Spend Forecast	Variance
RL-0013 Solid Waste Stabilization & Disposition	\$ 136,604	\$ 141,651	\$ (5,047)
RL-0030 Soil & Water Remediation, Groundwater/Vadose Zone	\$ 35,895	\$ 36,558	\$ (663)
RL-0080 Operate Waste Disposal Facility	\$ 3,920	\$ 2,790	\$ 1,130
Total	\$ 176,419	\$ 180,999	\$ (4,580)

The Waste Disposal/Groundwater Remediation Project is developing corrective actions to ensure the forecast overrun does not occur.

FY04 Schedule/Cost Performance (\$000)

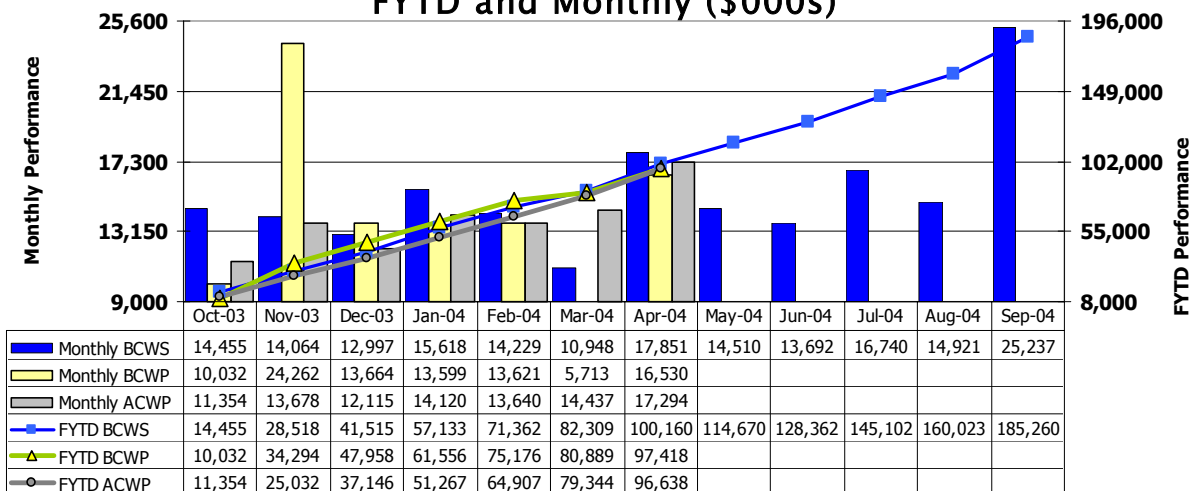
		Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance \$	Schedule Variance %	Cost Variance \$	Cost Variance %	Budget At Completion
RL-0013	Solid Waste Stabilization & Disposition	78,839	77,172	76,949	-1,667	-2%	223	0%	145,862
RL-0030	Soil & Water Remediation, Groundwater/ Vadose Zone	19,545	18,643	18,157	-902	-5%	486	3%	36,142
RL-0080	Operate Waste Disposal Facility	1,776	1,604	1,531	-172	-10%	73	5%	3,257
Total		100,160	97,418	96,638	-2,740	-3%	780	1%	185,260

NOTE: The above excludes Central Waste Complex Pool and Work for Others associated with these PBSs. Work for Others is reported in Section H. Numbers are rounded to the nearest \$K and include the closure services allocation.

Schedule Performance: The PBS RL-0013 unfavorable schedule variance of -\$1,667K is primarily from K Basin sludge at T Plant being put on hold, and several Waste Disposal/Groundwater Remediation projects being deferred or cancelled to accommodate FY 2004 funding reductions. The unfavorable variance is offset by WIPP shipments being well ahead of plan due to acceleration initiatives started last spring.

Cost Performance: Variances are within established thresholds.

Performance Analysis FYTD and Monthly (\$000s)



Milestone Achievement

Number	Milestone Title	Type	Due Date	Forecast Date	Status/Comment
M-24-000	Install RCRA Groundwater Monitor Wells at Rate of up to 50 in CY 2003, if required	TPA	12/31/2003	—	Complete 12/30/03
M-91-03A	Submit Revisions to the Hanford Site TRU/TRUM and MLLW PMP to Ecology	TPA	12/31/2003	—	Complete 12/31/03
M-91-22	T Plant is Ready to Receive Canister and Fuel Wash Sludge from K Basins	TPA	2/29/2004	—	To be deleted as part of the M-91 Settlement Agreement
M-26-07A	Submit Evaluation of Status of Development of Tritium Treatment Technology	TPA	3/31/2004	—	Complete 3/12/04
M-26-01N	Submit Annual Hanford Land Disposal Restrictions Report	TPA	4/30/2004	—	Complete 4/29/04